MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST 1952

ROBERT W. SLOANE, DIRECTOR

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AUGUST 1952
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	53.1	52.7	53.1	53.0	32.3	23.2	28.5	31.8	25.9	28.7
2	53.5	53.7	54.4	53.9	32.0	23.6	28.1	31.7	25.7	28.5
3	55.4	55.6	56.6	55.9	32.0	24.3	27.8	30.8	25.3	28.0
4	57.0	57.3	57.5	57.3	31.0	23.8	28.3	30.4	25.6	28.1
5	57.7	57.2	57.1	57.3	32.7	23.5	28.3	32.8	26.1	29.1
6	55.4	54.7	54.6	54.9	32.8	25.2	29·4	32.6	26.3	29.4
7	53.9	53.7	54.2	53.9	32.7	24.7	29.2	32.8	26.7	29.6
8	54.9	54.9	55.5	55.1	32.4	24.3	29.1	31.8	26.6	29.2
9	55.7	55.2	55.0	55.3	32.8	24.2	29.2	32.5	26.7	29.5
10	55.0	55.4	56.3	55.6	32.8	25.0	29.4	32.5	27.0	29.6
11	56.6	56.5	57.2	56.8	33.0	24.6	28.9	32.5	27.1	29.5
12	56.5	55.3	54.7	55.5	33.0	24.6	28.9	32.7	27.2	29.6
13	53 5	52.4	52.6	52.8	32.8	24.9	29.7	32.9	27.2	29.9
14	52.4	52.4	52.6	52.5	33.6	24.4	29.3	31.4	27.1	29.3
15	54.0	54.6	55.2	54.5	33.6	24.8	29.4	33.9	26.8	30.0
16	56.2	55.9	56.2	56.1	32.0	24.3	30.0	31.8	26.8	29.5
17	55.9	55.1	54.8	55.3	33.0	24.4	29.1	33.1	27.0	29.7
18	54.4	53.7	54.7	54.3	32.9	24.4	29.1	32.6	27.1	29.6
19	55.6	55.6	56.4	55.9	32.8	24.7	29.2	32.2	26.9	29.4
20	56.7	55.7	55.6	56.0	33.7	24.8	29.0	33.5	27.4	30.0
21	55.2	54.3	54.8	54.8	34.4	25.4	29.1	33.9	27.6	30.2
22	54.7	54.4	54.5	54.5	33 5	26.3	30.0	32.4	28.1	30.2
23	53.9	53.8	54.1	53.9	34.4	25.8	31.1	34.2	28.3	31.2
24	54.5	55.3	55.5	55.1	34.1	25.8	30.6	32.6	27.8	30.3
25	56.6	56.4	56.9	56.6	35.6	25.9	30.8	35.0	28.6	31.5
26	57.4	56.1	56.3	56.6	33.7	24.3	29.6	33.9	27.7	30.4
27	55.8	55.4	55.0	55 4	33.1	24 2	29.1	33.0	26.9	29.7
28	54.6	53.6	53.7	54.0	33.2	25 2	29.1	32.8	27.7	29.9
29	54.9	54.8	54 8	54.8	33 3	25.8	30.3	33.0	27.1	30.1
30	54.9	54.4	55.3	54.9	32.0	26.1	28.9	30.0	27.8	28.9
31	56.0	56.4	56.6	56.3	32.7	24.4	29.4	29.7	26.7	28 6
	55.22	54.92	55.22	55.12	33.03	24.74	29.25	32.48	26.99	29.59

Barometer, range for month 757.7 mm. — 752.4 mm
„ 71-yr. average for month 756.00 mm.
Thermometer, range for month 35.6°C — 23.2°C
„ 71-yr. average for month 28.57°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 0.45 mm.
„ Total, Sept. 1st. to end of month 1160.26 mm.
„ 71-yrs. average. Sept. 1st. to end of month 892.30 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	24.7	24.9	25.1	24.9	64	54	74	64	12.2	317.0	
2	21.7	23.4	21.5	22.2	58	50	65	58	11.3	182.0	
3	23.7	25.0	22.6	23.8	64	57	73	65	12.4	187.0	
4	26.1	25.8	24.8	25.6	67	58	76	67	12.3	101.0	
5	24.7	20.9	25.7	23.8	63	44	76	61	12.3	171.0	
6	22.4	25.9	24.4	24.2	54	54	73	60	11.4	402.0	
7	26.7	26.7	26.7	26.7	64	55	76	65	12.0	368.0	
8	24.9	26.3	26.7	26.0	63	57	77	66	11.9	301.0	
9	26.4	26.7	26.7	26.6	67	55	76	66	11.4	262.0	
10	26.7	27.4	27.7	27.3	65	56	78	66	11.7	367.0	
11	27.1	29.0	29.2	28.4	68	61	80	70	11.8	325.0	
12	28.6	29.0	29.9	29.2	72	59	82	71	11.7	348.0	
13	27.4	29.0	29.9	28.8	67	59	83	70	11.7	372.0	
14	28.9	27.6	28.4	28.3	71	62	79	71	11.9	175.0	
15	27.4	28.1	28.2	27.9	67	55	80	67	12.0	154.0	
16	28.4	27.1	26.7	27.4	67	59	78	68	12.1	109.0	
17	26.4	29.6	28.4	28.1	67	58	79	68	11.5	274.0	
18	27.1	27.4	29.2	27.9	69	58	81	69	11.2	269.0	
19	28.1	28.2	28.2	28.2	68	58	81	69	11.6	119.0	
20	29.3	29.6	29.2	29.4	73	58	82	71	11.6	35.0	
21	28.6	29.6	29.5	29.2	73	58	80	70	11.6	50.0	
22	30.7	30.5	32.1	31.1	72	63	84	73	11.4	190.0	
23	32.2	32.0	33.6	32.6	72	59	87	73	11.4	95.0	
24	31.1	32.1	31.0	31 4	71	67	83	74	12.2	58.0	
25	18.1	32.0	31.3	27.1	42	59	82	61	11.7	64.0	
26	30.4	31.2	30.2	30.6	74	61	81	72	11.7	211.0	
27	28.6	28.1	26.0	27.6	72	55	75	67	11.6	256.0	
28	25.7	27.4	29.5	27.5	64	57	78	66	11.0	303.0	
29	26.9	29.6	27.7	28.0	63	58	78	66	6.4	116.0	
30	27.1	26.9	28.7	27.6	68	64	77	70	6.5	127.0	
31	25.9	23.8	23.9	24.5	63	58	70	64	9.5	22.0	
	26.84	27 77	27.83	27.48	66.2	57.6	78.2	67.3	11.32	213.81	0.00

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	0	0	0.3	4sw	2sw	1sw	light	H., a.m.
2	1cu	4cu-st	0	1.7	2sw	2w	0	,,	
3	1cu-st	1cu-st	0	0.7	2sw	2nw	0	,,	H., a.m.
4	0	0	0	0.0	2nw	1nw	0	,,	H., all day
5	2cu	2cu	7cu	3.7	2w	2w	0	calm	
6	0	2cu	0	0.7	2sw	3sw	2nw	light	
7	1cu	2cu	0	1.0	4sw	3sw	2w	,,	H., a.m.
8	0	2cu	2cu	1.3	3sw	2sw	1w	,,	H., a.m.
9	3cu	3cu-st	0	2.0	2sw	3w	1w	,,	H., a.m.
10	1cu	0	1cu	0.7	3sw	2sw	1sw	,,	H., a.m.
11	0	4cu-ci	2cu	2.0	4sw	3w	1w	light	H., all day
12	3cu-st	2cu	9cu-st	4.7	3sw	3sw	1sw	,,	H., all day
13	2cu	4cu	1cu	2.3	3sw	2w	1sw	,,	H., all day
14	3cu	3cu-ci	0	2.0	3sw	2n	1sw	,,	H., a.m.
15	0	0	0	0.0	3sw	2nw	0	,,	H., a.m.
16	0	0	0	0.0	1nw	2n	1sw	light	H., a.m.
17	0	4cu-ci	0	1.3	2sw	3sw	2sw	,,	H., a.m.
18	4cu	4cu	1cu	3.0	2sw	3w	1sw	,,	H., all day
19	2cu	0	0	0.7	3sw	2sw	1w	,,	H., a.m.
20	0	0	1cu	0.3	1sw	1nw	1sw	calm	
21	4cu	0	0	1.3	1sw	2w	1sw	light	H., all day
22	0		0	0.0	1w	2n	1e	,,	H., a.m.
23	0	0	0	0.0	1w	2ne	1ne	,,	H., a.m.
24	0	0	0	0.0	1e	1nw	1w	,,	H., a.m. Hot all day
25	0	0	0	0.0	1sw	2sw	1sw	,,	
26	1cu	0	0	0.3	1sw	2w	2sw	light	H., a.m.
27	3cu-ci	2cu-ci	2cu	2.3	3sw	3w	1w	,,	H., a.m.
28	2cu	1cu	1cu	1.3	3sw	3sw	2sw	,,	
29	0	10cu-st	10cu-st	6.7	2sw	3sw	0	,,	H., all day
30	7cu	8cu	10cu-st	8.3	1w	2n	1w	,,	H., all day Tr. p.m.
31	9cu	2cu	0	3.7	2sw	2ne	1w	,,	Tr. a.m.
				1.69					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	1	0	0	24	4	2	0	31
14:30	4	2	0	0	0	11	9	5	0	31
20·30	0	1	1	0	0	13	9	1	6	31
Total	4	3	2	0	0	48	22	8	6	93

Number of day with rain 0, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during mouth 0.18